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(71) Applicant: **WELFIDE CORP**

(72) Inventor: **SANO MITSU HARU  
YOKOYAMA YOSHIHITO  
KITANI HIROYUKI  
SAKURAI NOBUHIRO  
EBARA HIDEJI  
MIYOSHI MIE**

(54) **QUINOLINE COMPOUND**

(57) Abstract:

PROBLEM TO BE SOLVED: To obtain a new compound expressing a selective antibacterial activity against bacteria of the genus *Helicobacter* represented by *Helicobacter pylori* and useful for preventing and curing diseases such as gastritis, stomach ulcer and the likes caused by *Helicobacter* bacteria.

SOLUTION: This quinoline compound is a compound expressed by formula I {R1 is H, a halogen, nitro, cyano, an alkyl, an alkoxy, OH or the likes; R2 is H, a (halo)alkyl, a hydroxyalkyl or

the likes; R3 and R4 are each H, a halogen or an alkyl; X is O, S, SO or the likes; B is O, S, SO2 or the likes; D is D1-E [D1 is a single bond, a (substituted) alkylene or the likes; E is a (halo) alkoxyalkyl or the likes] or the likes}, e.g. 4-[[3-methyl-4-(2-morphorinoethylthio)-2-pyridyl]methoxy]quinoline 3 hydrochloride. The compound of formula I is produced by a method, etc., for reacting a compound of formula II with a compound (an acid adduct) of formula III [W is a reaction active atom or group (e.g. a halogen)].

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